

Welcome

Spring 2011 Media Day Agenda

Saturday, March 19, 2011	
9:30 am to 10:00 am	Meet and Greet <i>Make sure to right down your Chipotle Order</i>
10:00 am to 10:05 am	Welcome/Agenda George Wetzel
10:05 am to 10:20 am	Severe Weather Service Goals Daniel Cobb
10:20 am to 10:30 am	New F6 Sites and Climate Products George Wetzel
10:30 am to 11:15 am	Dual Polarization Radar TJ Turnage
11:10 am to 11:40 am	Michigan's Changing Climate: Recent Past and Projected Future Trends Jeff Andresen, State Climatologist
11:40 am to 12:25 pm	Lunch - Southwest Michigan Chapter of the American Meteorological Society *NEW* Brandon Hoving
12:25 pm to 12:50 pm	El Nino/La Nina and its relationship to severe weather Bill Marino
12:50 pm to 1:15 pm	Hydro issues, Mark Walton
1:15 pm to 2:00 pm	Open Forum

NWS Grand Rapids Media Workshop



New ASOS Climate Sites, FP Upgrade

New AM RTP Product/LSR and PNS

Produced to capture the morning lows after 7/8 am

During summary LSR's and round up PNS's after an event we will work to remove redundant reports from the same location.

If the reports are from different locales in the same town we will use LAT/LAT to isolated the area.

Cross streets work as do addresses.

We ask that as you receive reports and time permits for you to pass along any and all reports to us....if they seem strange or unbelievable call and do an NWSChat Sidebar.
The more info about a report location the better.

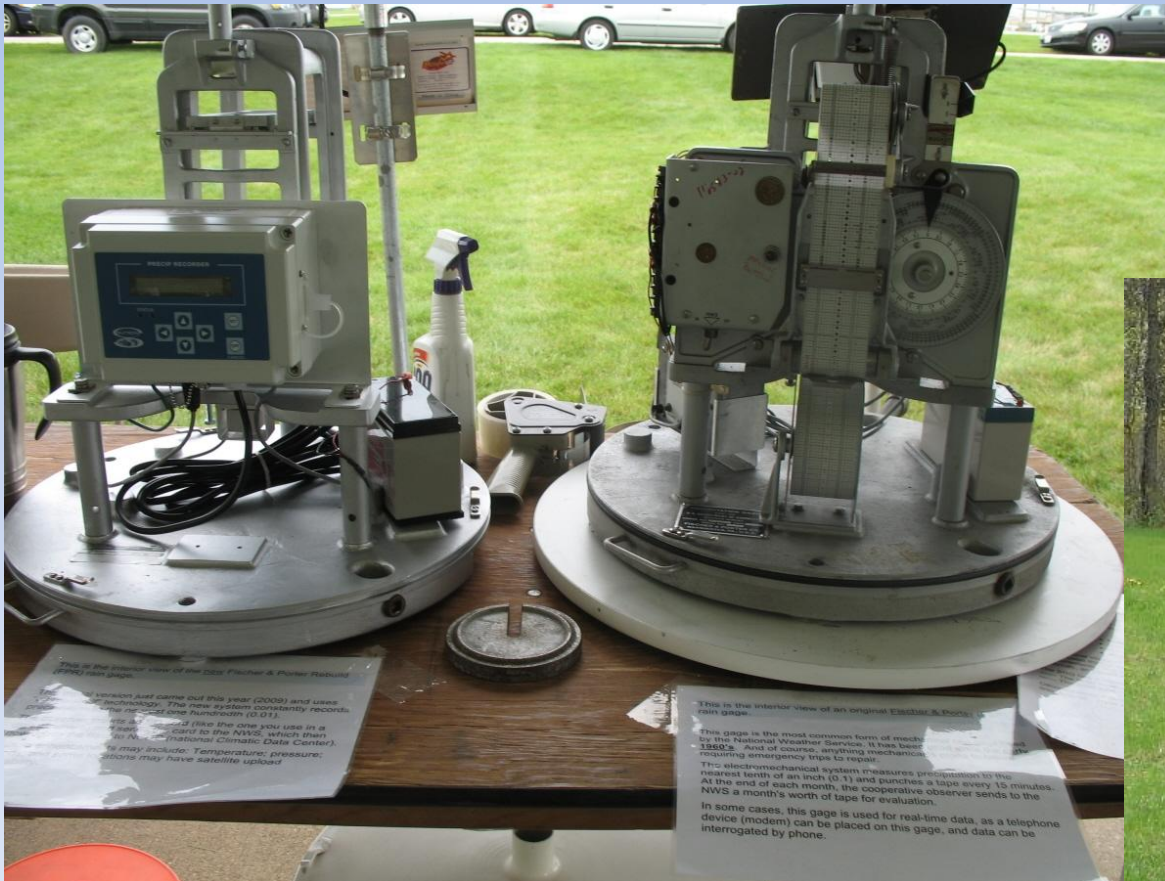
I have started crediting the media and individual sources as time permits as well.

Upgrading Fischer and Porter Accumulating Rain Gages

- Located at 8 COOP sites
 - Montague, Kent City, Stanton, Hastings, Jackson, East Lansing, Scottville, Grand Haven
- Upgrade of all site complete by July 1st.
- Nearly all moving parts removed
- Will place a load cell and a datalogger for monthly downloads.
- Not real time but within a month or so.

FPR

FP gages

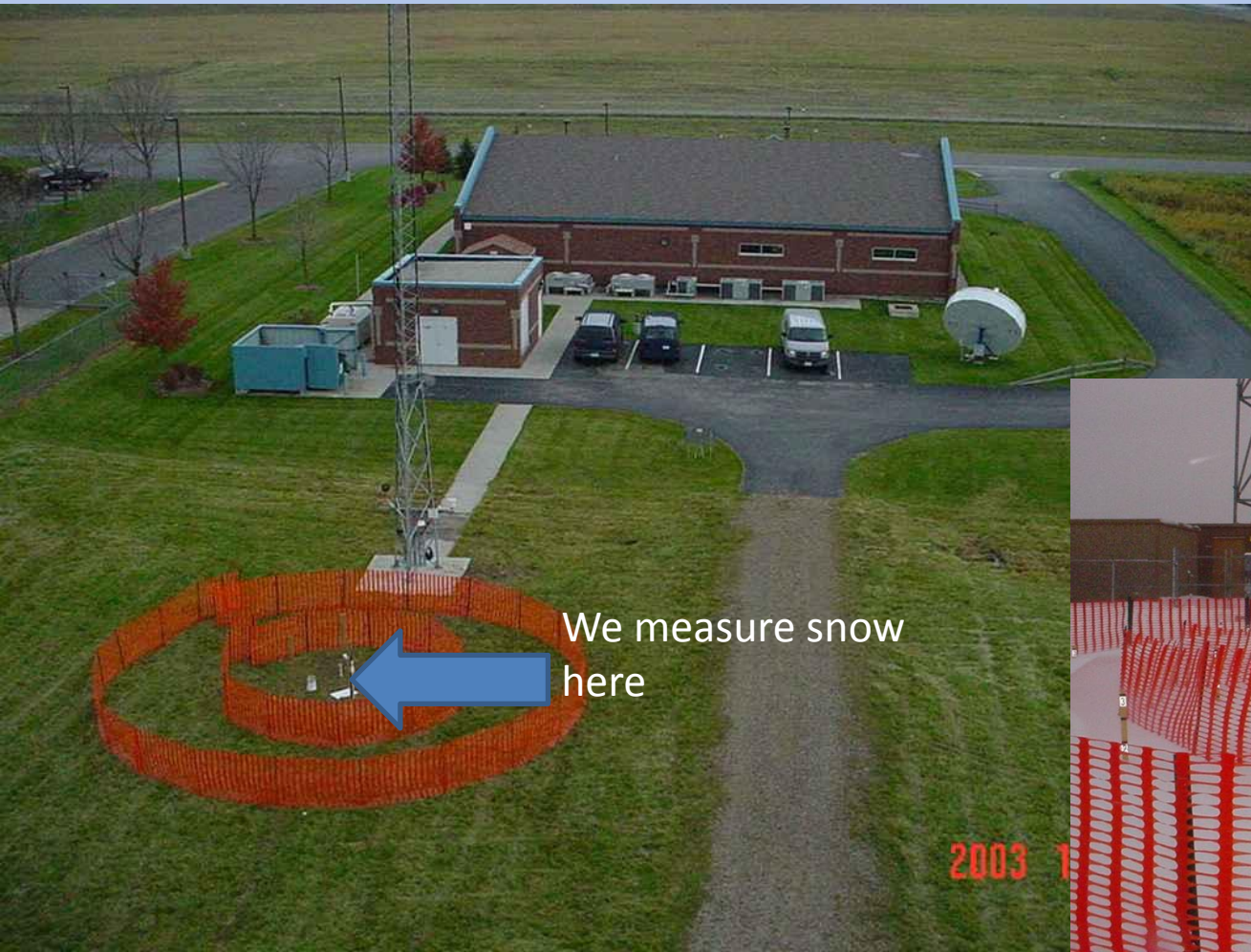


Added Climate Stations

- Added JXN, BTL, AZO, BIV to our Database.
- Will get a set of normals from NCDC by June.
- Publishing of an F6, and CLI product when approved.
- Will likely turn off precipitation reporting either year round or during the cold season.
- Back up COOPs for snow not likely at this time but if some

NWS GRR Snow Circle

Only measured at 00z, 06z, 12z, and 18z. Also, measured at the end of the day.



2003 1

2004 1 28

Types of Weather Stations and Data

- Automated Surface Observing Sites (ASOS, AWOS)
 - Located at airports. Some are manned
- Cooperative Network Observers (COOP)
 - Volunteer Observers gather high/low/rain/snow/river. Some over 100 years
- Community Collaborative Rain, Hail, and Snow Network
 - CoCoRaHS Volunteers across the state enter data daily. Less stringent requirements than the NWS. Precipitation and hail only.

ASOS/AWOS Airport Stations

Kalamazoo ASOS



Charlotte AWOS



Airports ASOS/AWOS

[Airports](#) | [Air Traffic](#) | [Data & Research](#) | [Licenses & Certificates](#) | [Regulations & Policies](#)

FAA Home » Air Traffic »

Surface Weather Observation Stations

ASOS/AWOS

Print Email | Updated: 4:44 pm ET June 26, 2009

e.g., KCJR for Culpeper, VA.

ID	Location	County	State	Frequency	Phone	Type
KADG	Adrian	Lenawee	MI	118.375	(517) 265-9089	ASOS
KAMN	Alma	Gratiot	MI	124.175	(989) 463-3433	AWOS IIIP
KAPN	Alpena	Alpena	MI	120.675	(989) 356-3662	ASOS
KARB	Ann Arbor	Washtenaw	MI	ATIS - 134.55	(734) 668-7173	ASOS

http://www.faa.gov/air_traffic/weather/asos/?state=MI

COOP Sites



Websites and Contact Info

CoCoRaHS

www.cocorahs.org

National Climatic Data Center, Asheville NC

<http://www.ncdc.noaa.gov/oa/ncdc.html>

Midwest Regional Climate Center, Champaign IL

<http://mcc.sws.uiuc.edu/>

Michigan State University Dept of Geology

Jeff Andresen, State Climatologist, East Lansing, MI

517-355-0231 for data request ext 1 or 2.

<http://www.agweather.geo.msu.edu/>

NWS Grand Rapids, MI

www.weather.gov/grr

Airport Sites

http://www.faa.gov/air_traffic/weather/asos/?state=MI



Questions for me? The OPL job includes...

ASOS sites and inspections

Climate information

COOP sites and inspections

Southwest lower Michigan Cocorahs rep

I work a lot of shift work so I'm available on NWSchat often

Things you like to see from my side of the house?

George Wetzel, OPL george.wetzel@noaa.gov

24 hour media phone number (616) 949-0640